

FIG.1

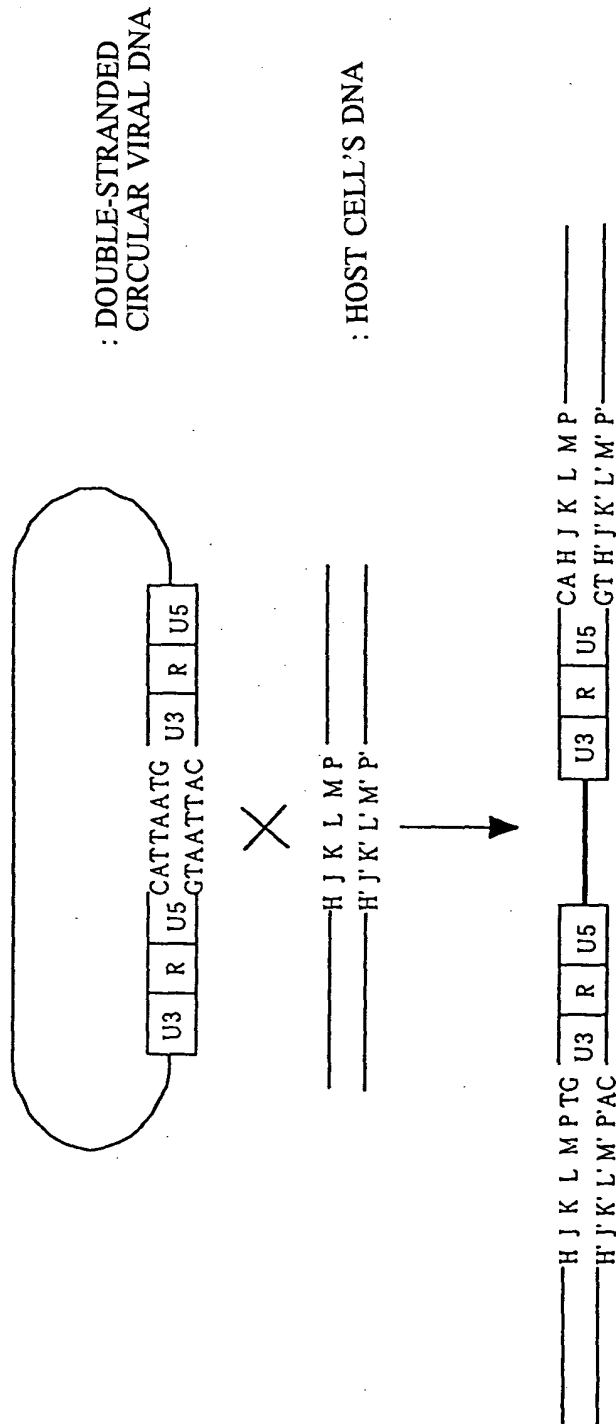


FIG.2

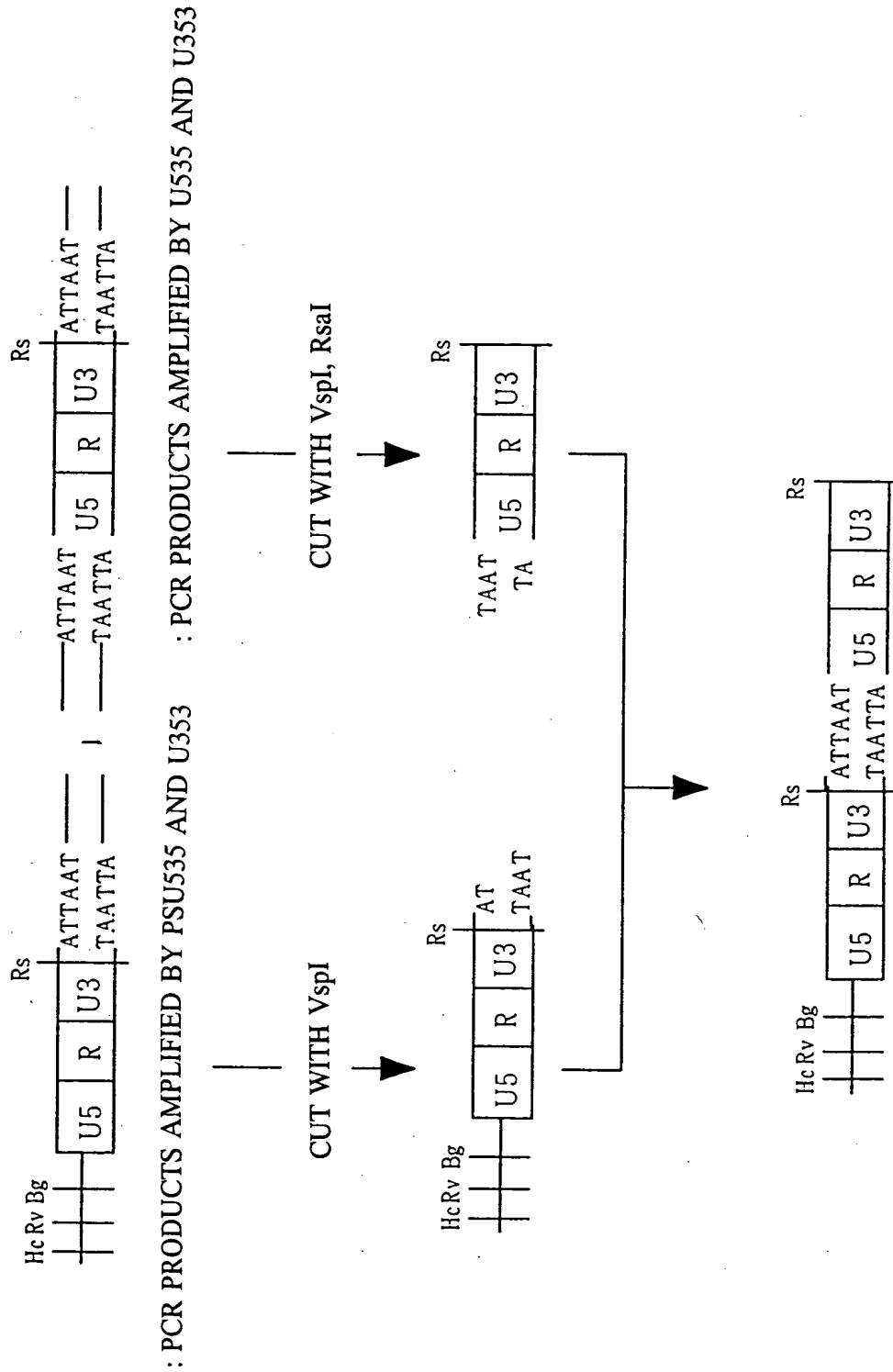


FIG.3

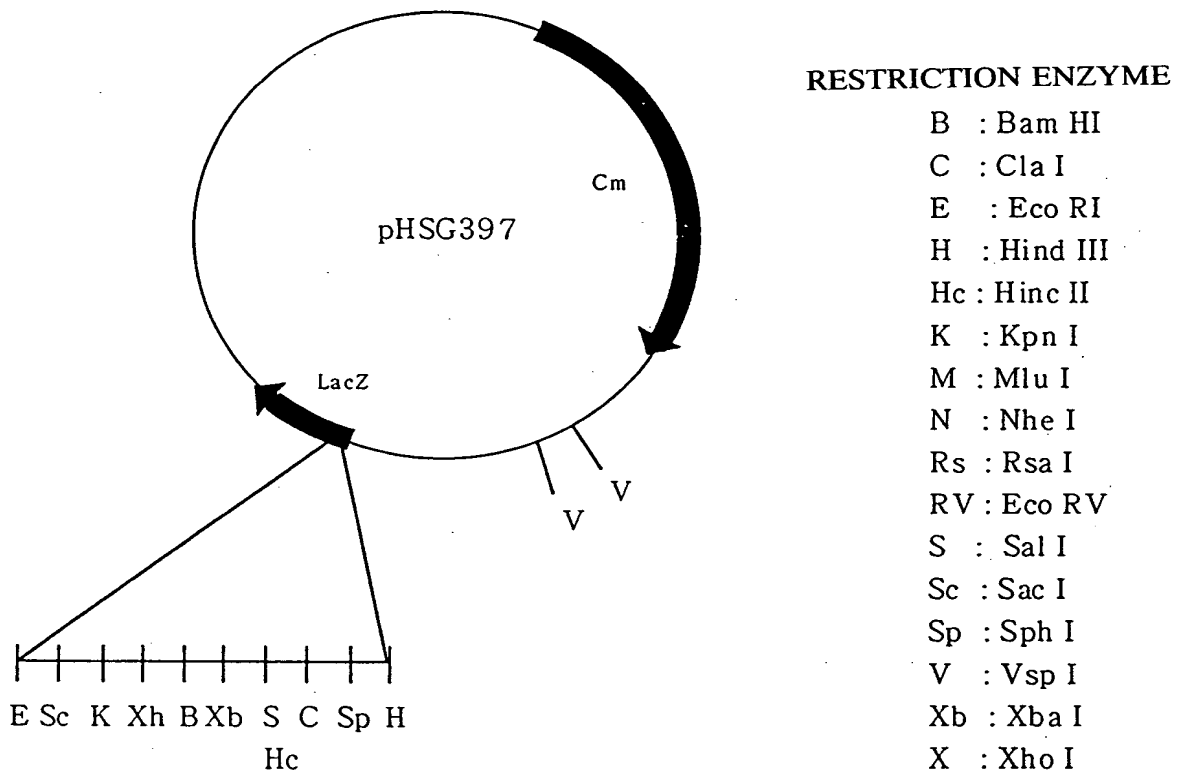
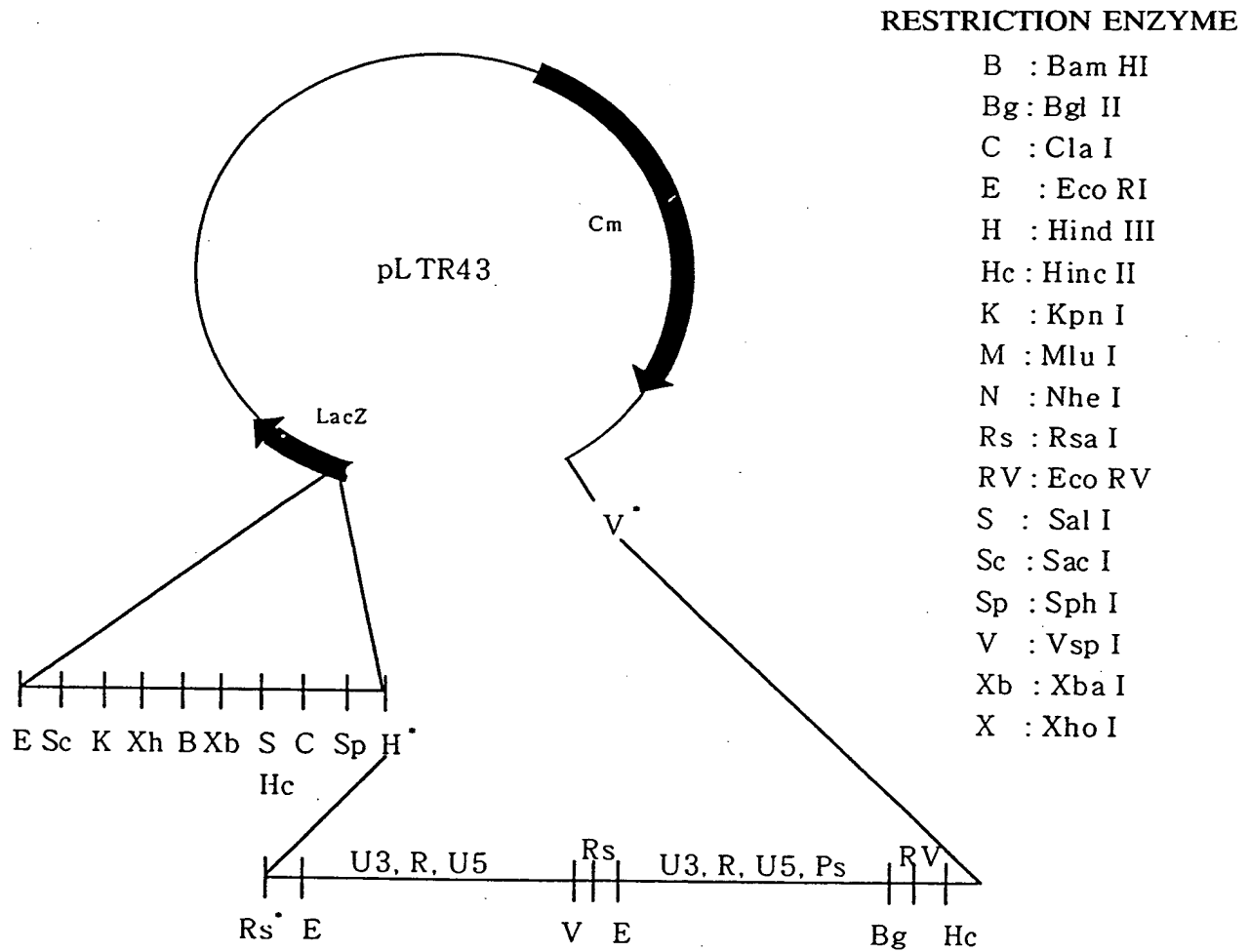


FIG.4



RESTRICTION ENZYME

B : Bam HI
Bg : Bgl II
C : Cla I
E : Eco RI
H : Hind III
Hc : Hinc II
K : Kpn I
M : Mlu I
N : Nhe I
Rs : Rsa I
RV : Eco RV
S : Sal I
Sc : Sac I
Sp : Sph I
V : Vsp I
Xb : Xba I
X : Xho I

pLTR435

Cm

LacZ

V*

E Sc K Xh B Xb S C Sp H'

Hc

U3, R, U5

Rs

U3, R, U5, Ps

Bg

RV* integrase

RV* Hc

V' E V

FIG.6

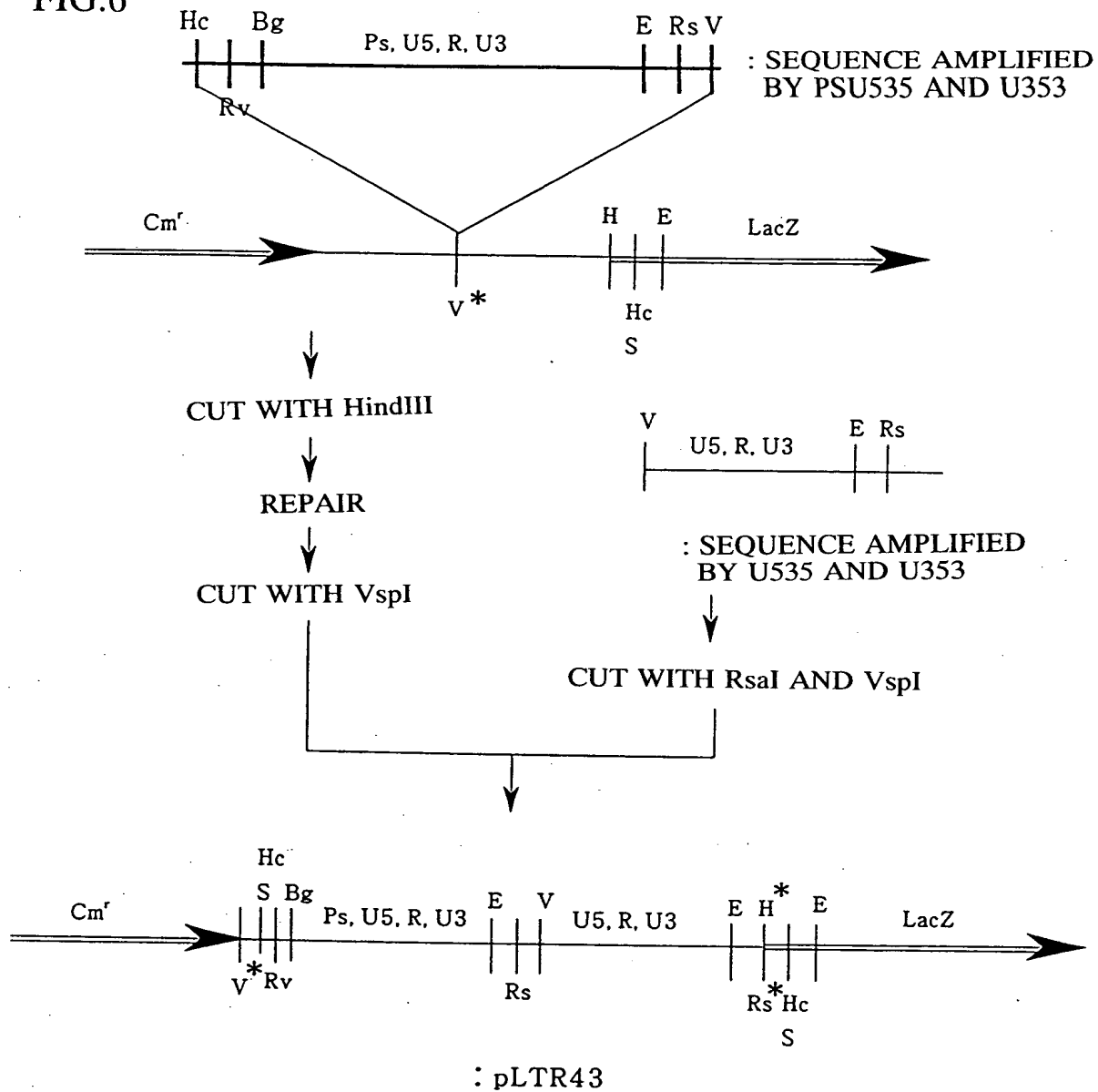
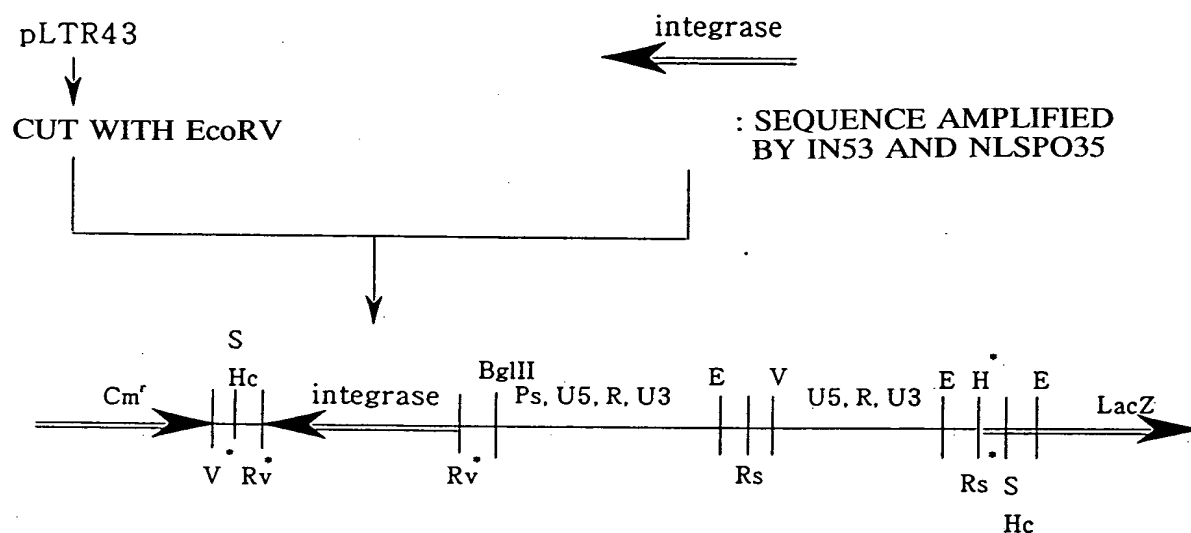


FIG.7



RESTRICTION ENZYME

Bg : BglII
 E : EcoRI
 RV : EcoRV
 Hc : HincII
 H : HindIII
 Rs : RsaI
 S : Sall
 V : VspI

FIG.8

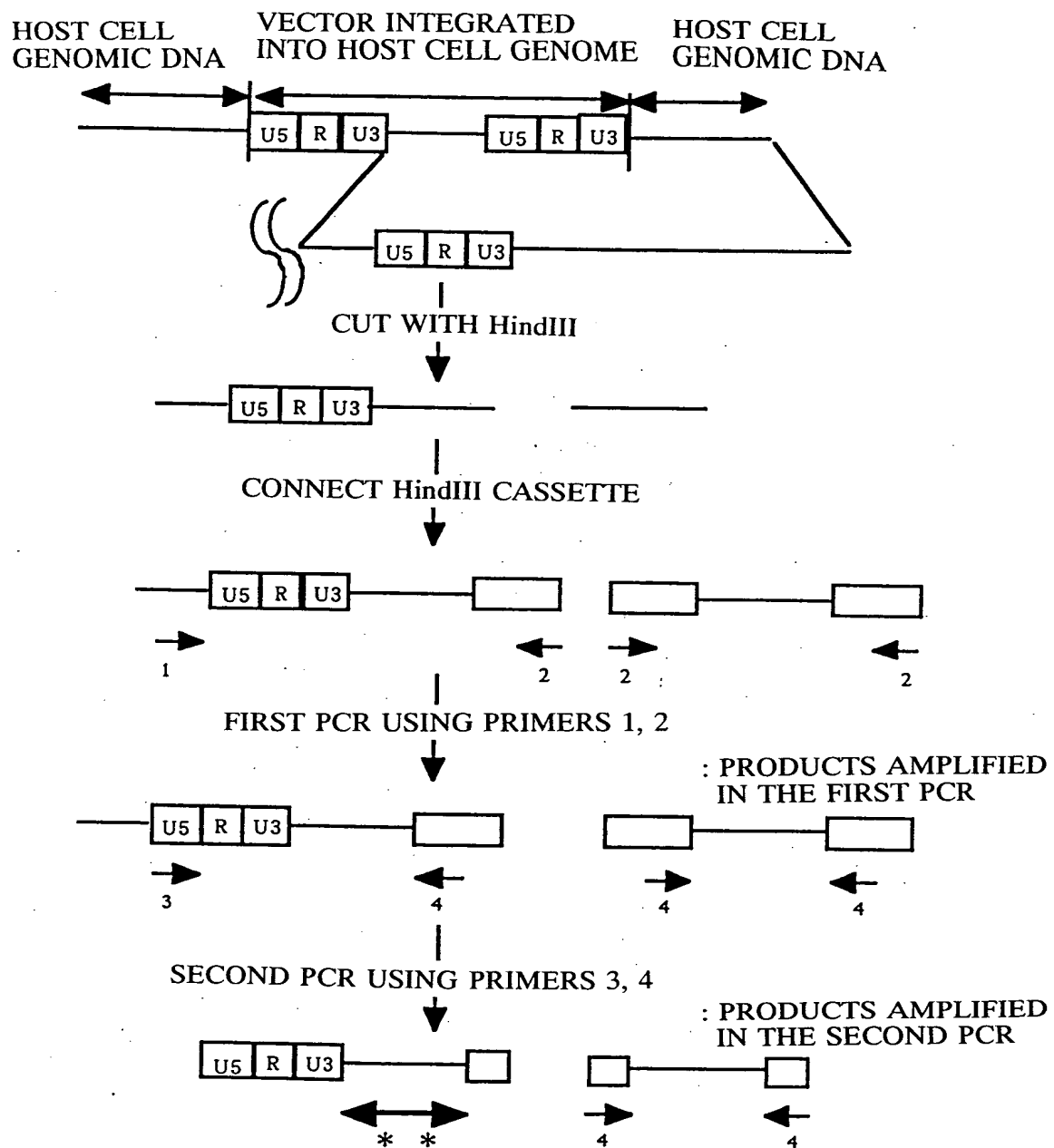


FIG. 9

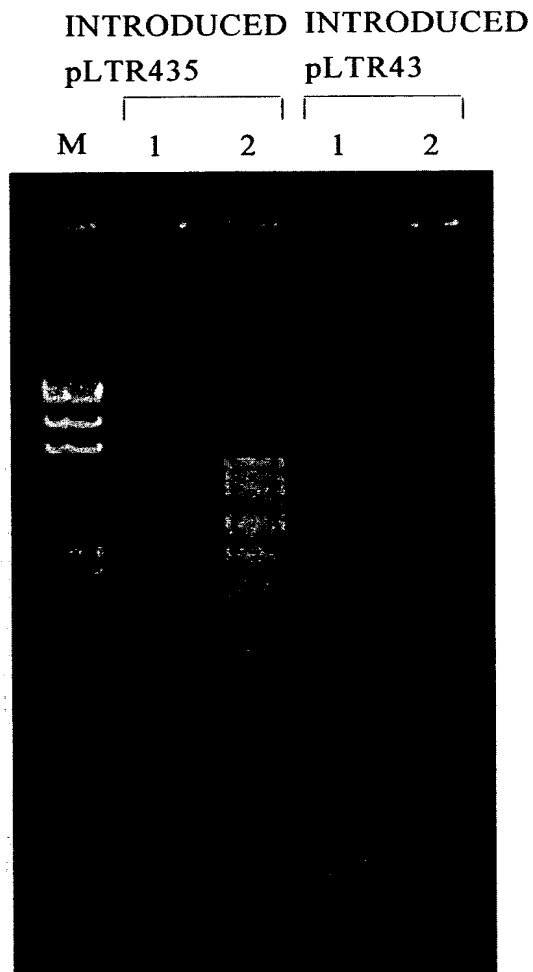


FIG. 10

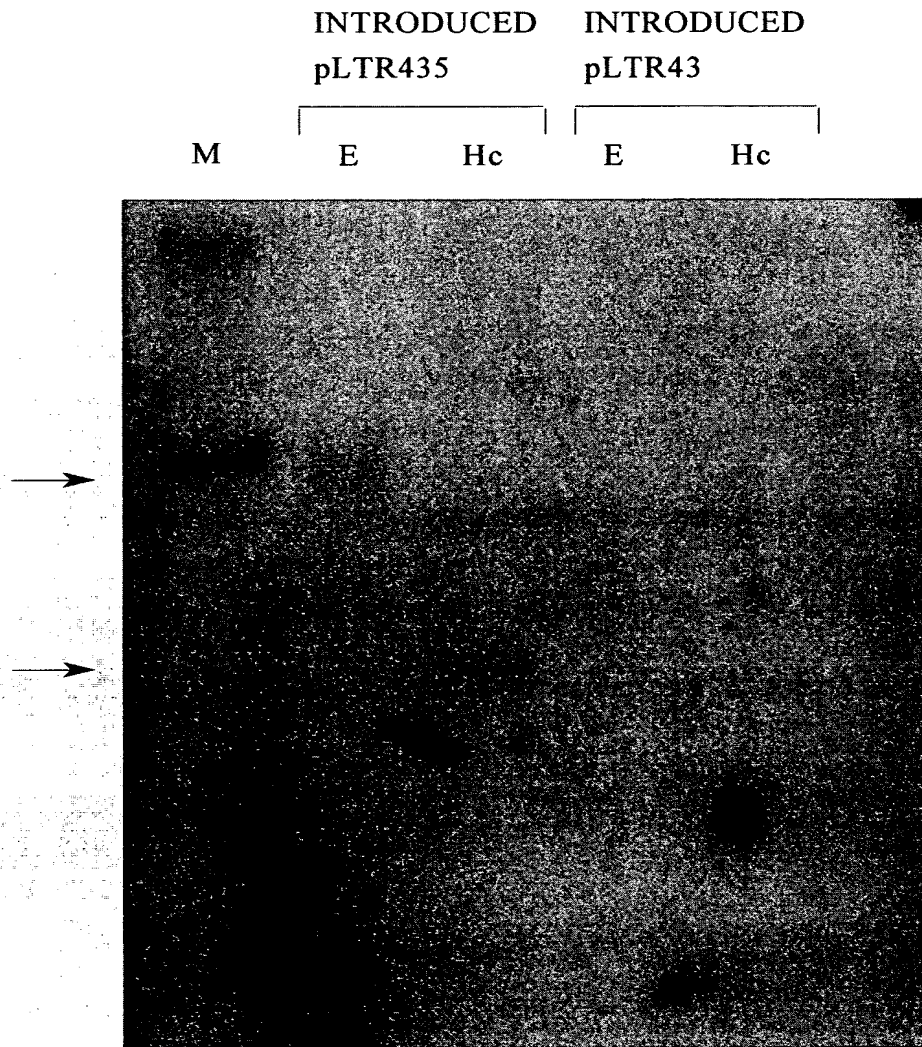


FIG. 11

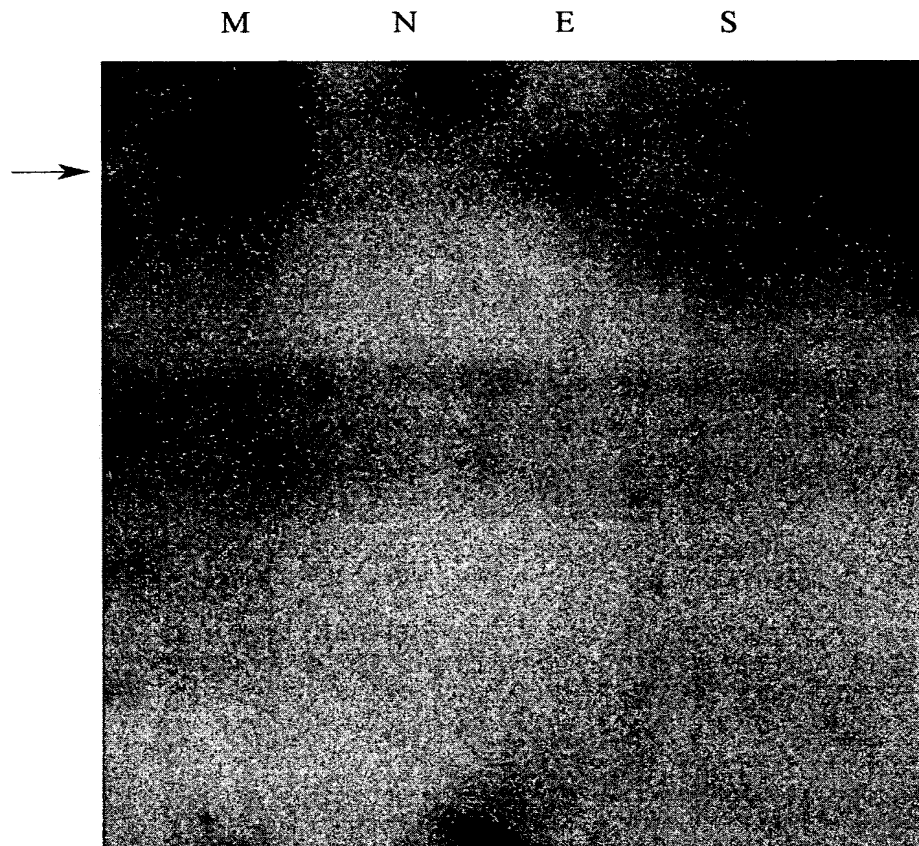


FIG. 12

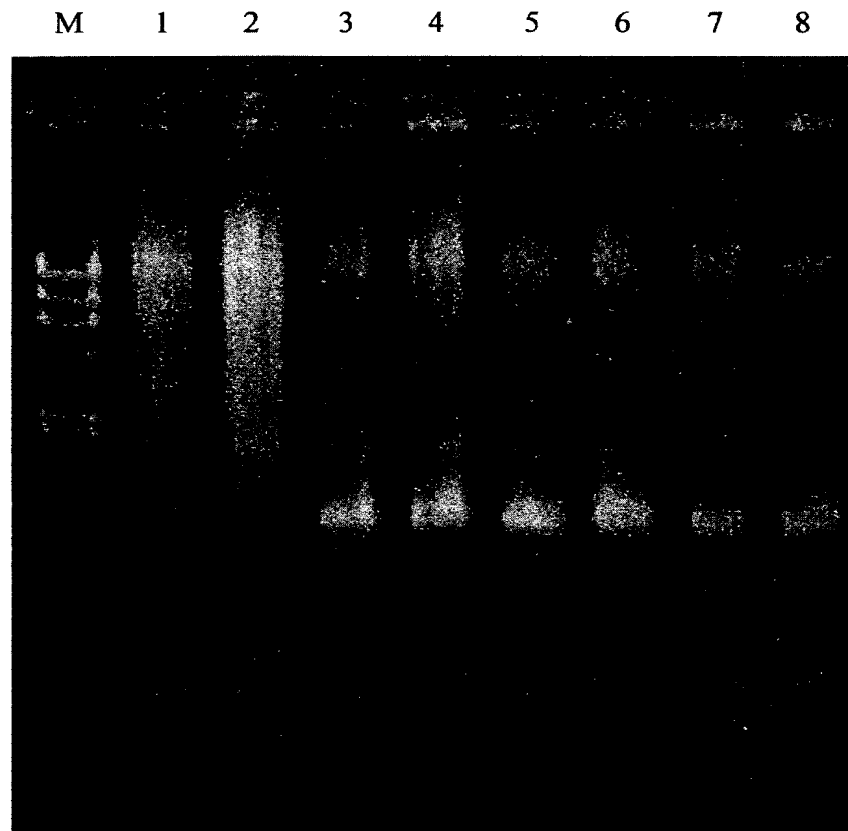


FIG.13

HindIII Cassette	1	TCGTTAGAACGCGTAATACGACTCACTATAGGGGA	36
clone1	1	TCGTTAGAACGCGTAATACGACTCACTATAGGGGAAGCTTGAGGAAATGCAGGGACTGTG	60
clone2	1	TCGTTAGAACGCGTAATACGACTCACTATAGGGGAAGCTTTTATGTGTCGGATGTTTGCA	60
clone3	1	TCGTTAGAACGCGTAATACGACTCACTATAGGGGAAGCTTTAACCAACACACATCAACCCA	60
clone4	1	TCGTTAGAACGCGTAATACGACTCACTATAGGGGAAGCTTTCACACTTTTAAATTGAGAGC	60
HindIII Cassette	36		
clone1	61	CATTGACTTGCCAGGAGGCTGAGGGCAAGGTTCCGTTGCCTGCACCAGCTGGGATGCC	120
clone2	61	CTTGAAGGATAGACGTGTGGATCTAGAGAGTAATGGCTGTTTTCTCCTCTCTGATGTTT	120
clone3	61	TCNTTTTTTTAGTCAGTCACACGTTTTTGAACCTTTTTCATGAACGTGTTTCAAGAAGCTTTC	120
clone4	61	CTTCTGGTTTTATGTAGAAGAATCCAGACATCCTTTTGGTTTAGAATGCACTTCTAGCCCT	120
HindIII Cassette			
clone1	121	CTGTGCTCCTGGGATGTGTGAT	142
clone2	121	GCAGGTGATAACATGTACAGCT	142
clone3	121	CTG	123
clone4	121	CAGGGCAGCAGATTAAAT	138

FIG. 14



FIG.15

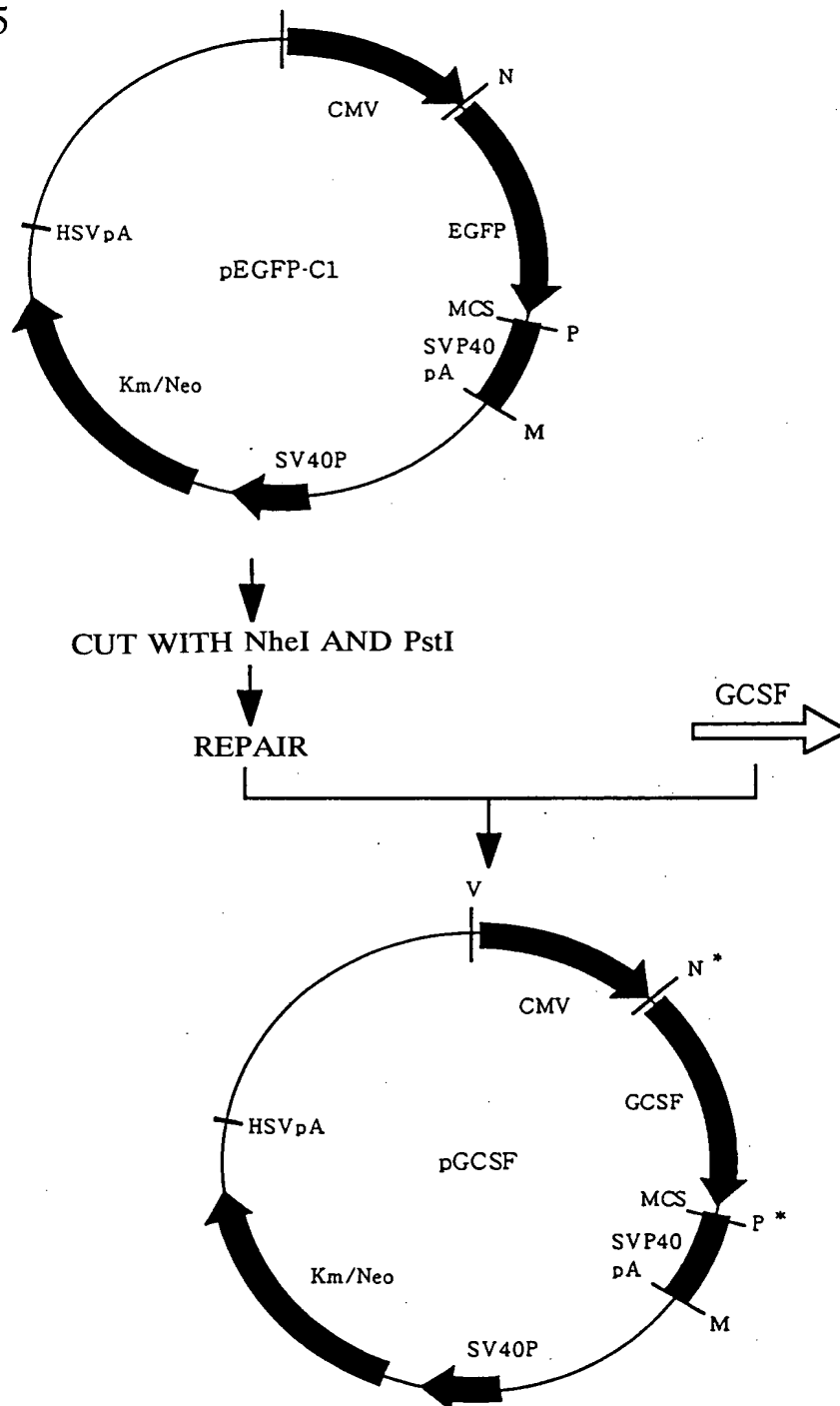


FIG.16

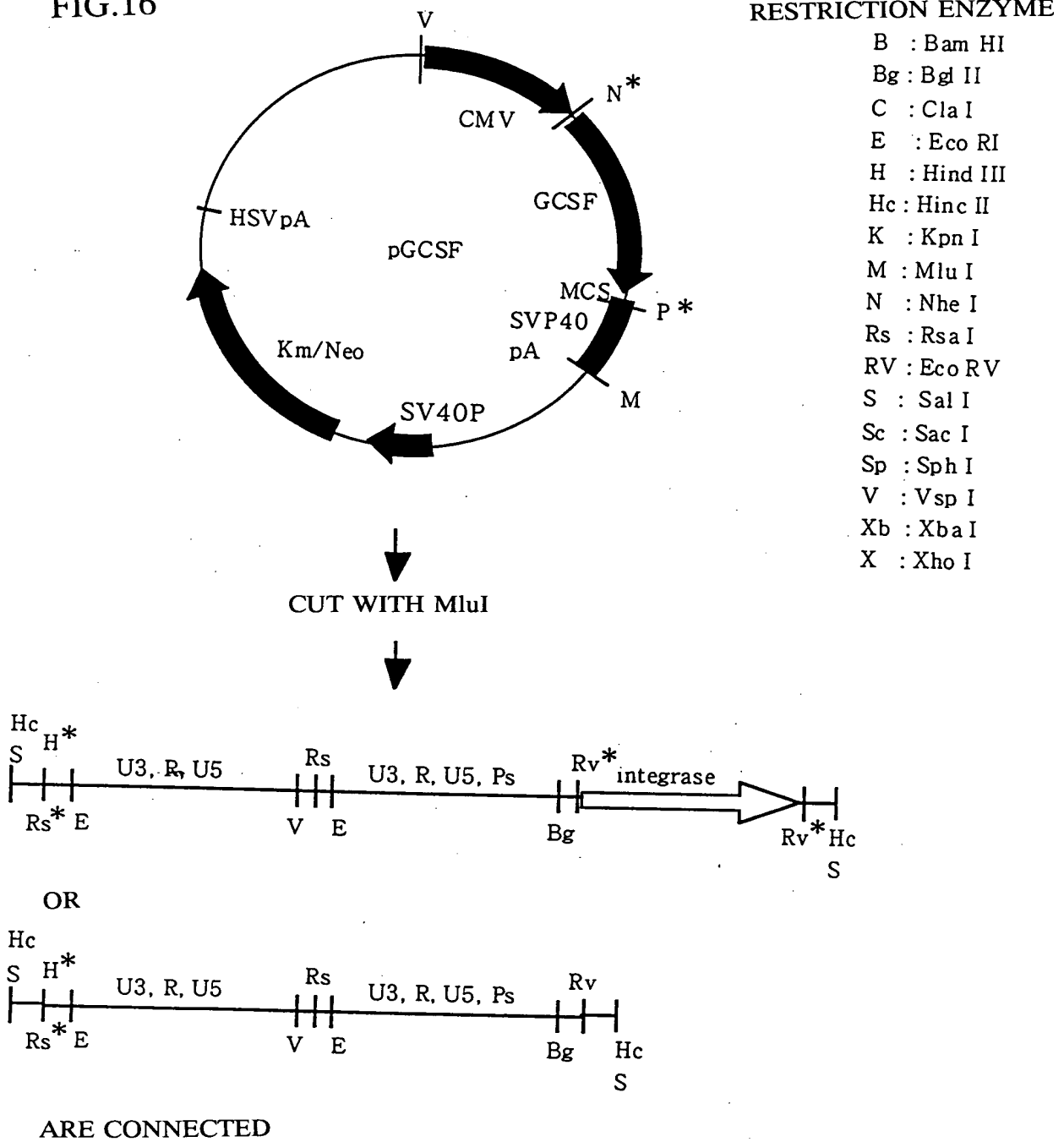


FIG.17

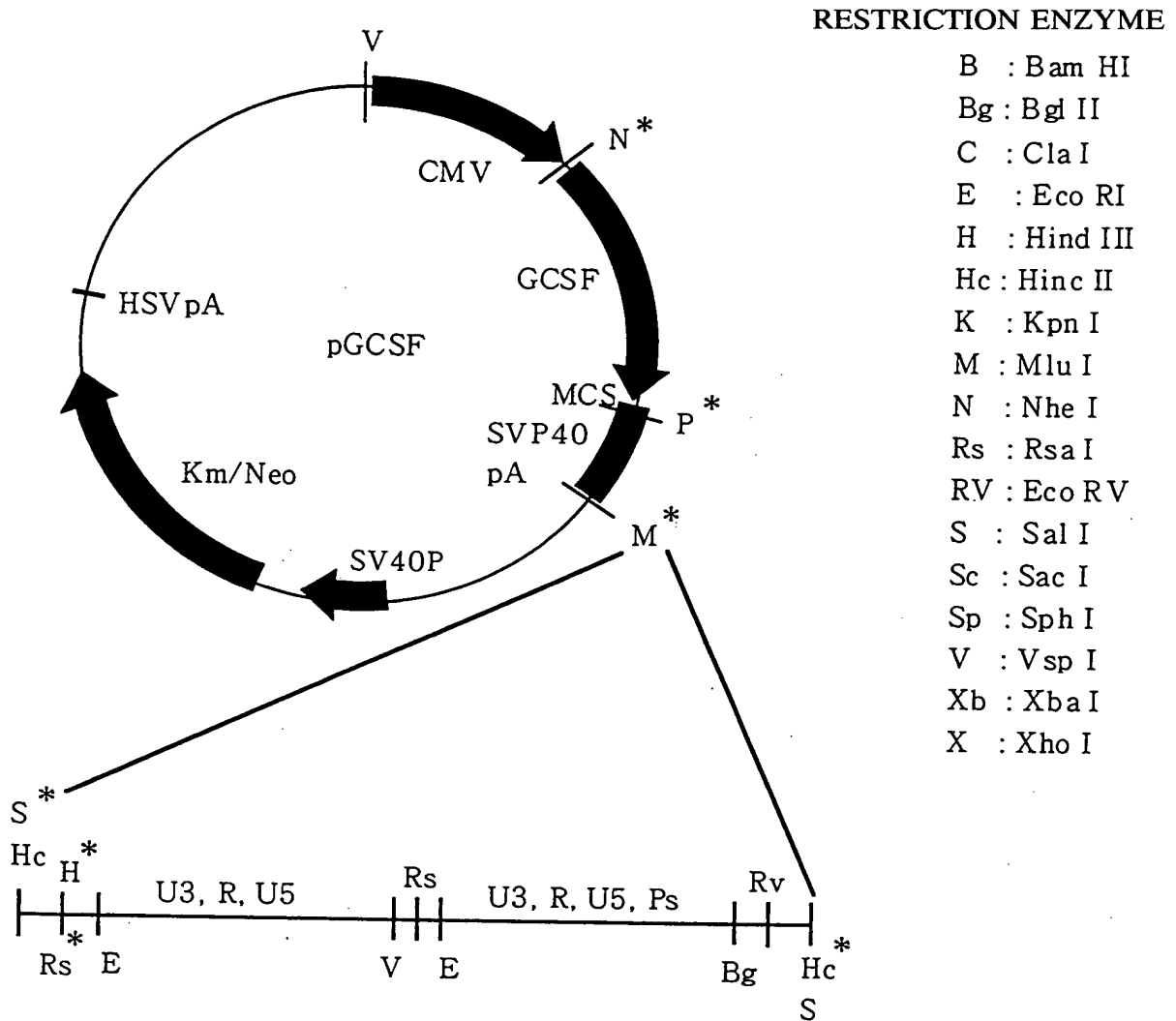


FIG.18

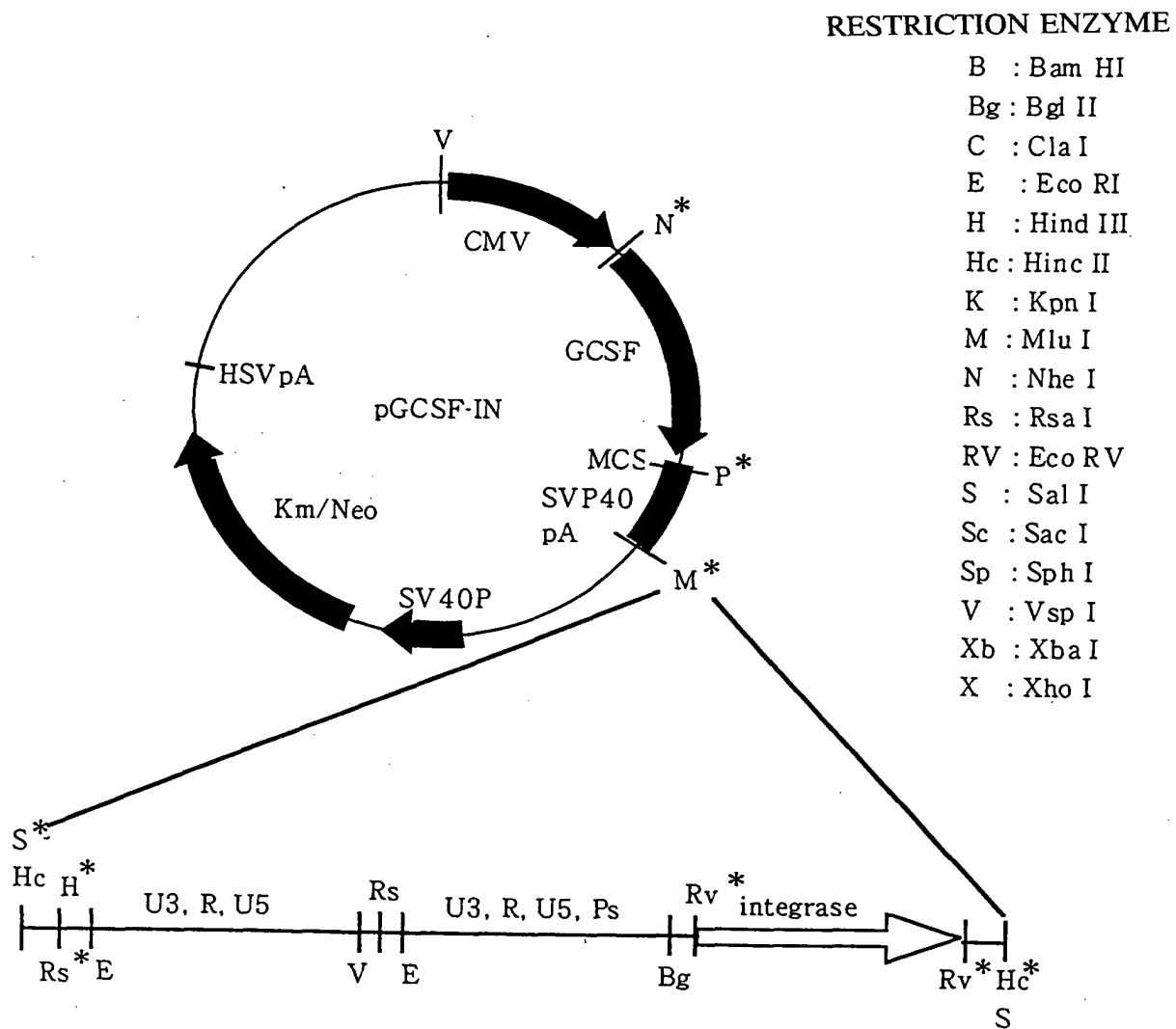


FIG.19

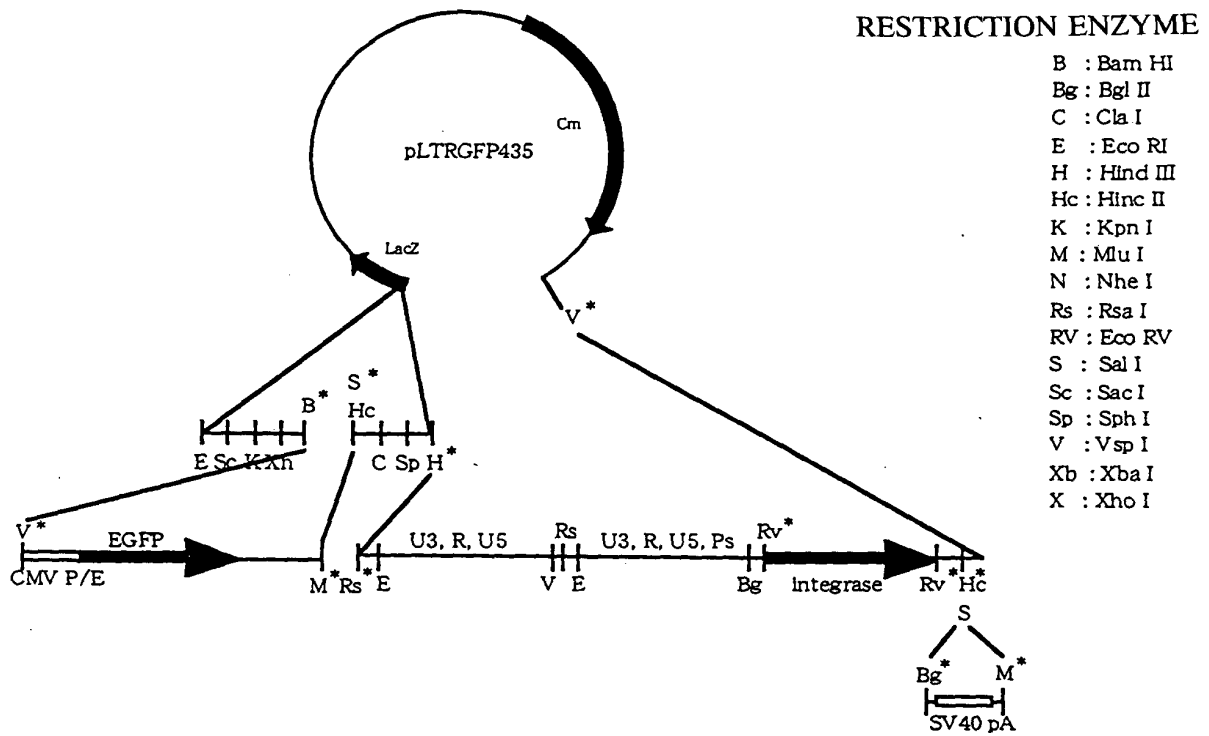
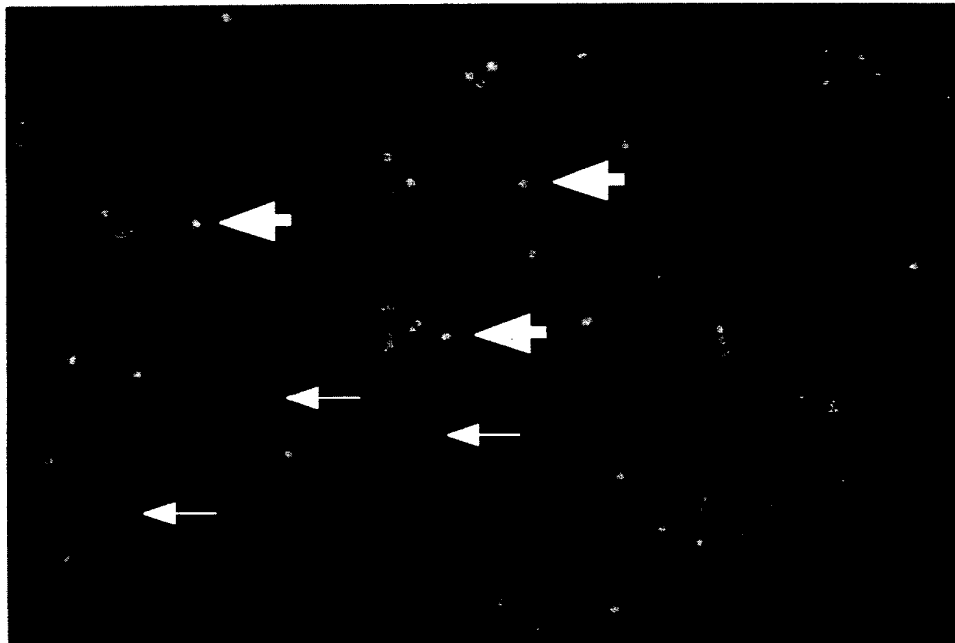



FIG. 20

1.



2.



(NOTE)  "BOLD ARROW" INDICATES TYPICAL GFP POSITIVE CELLS

 "NORMAL ARROW" INDICATES TYPICAL GFP NEGATIVE CELLS

FIG. 21

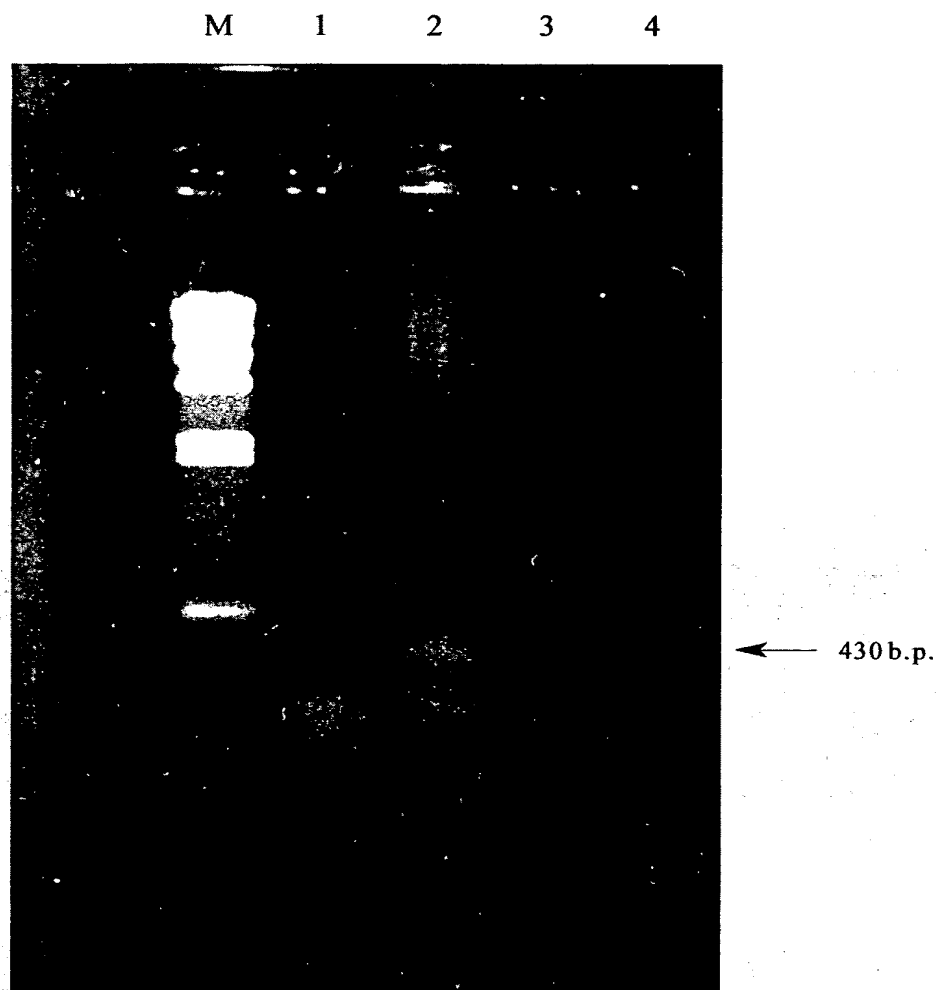


FIG. 22

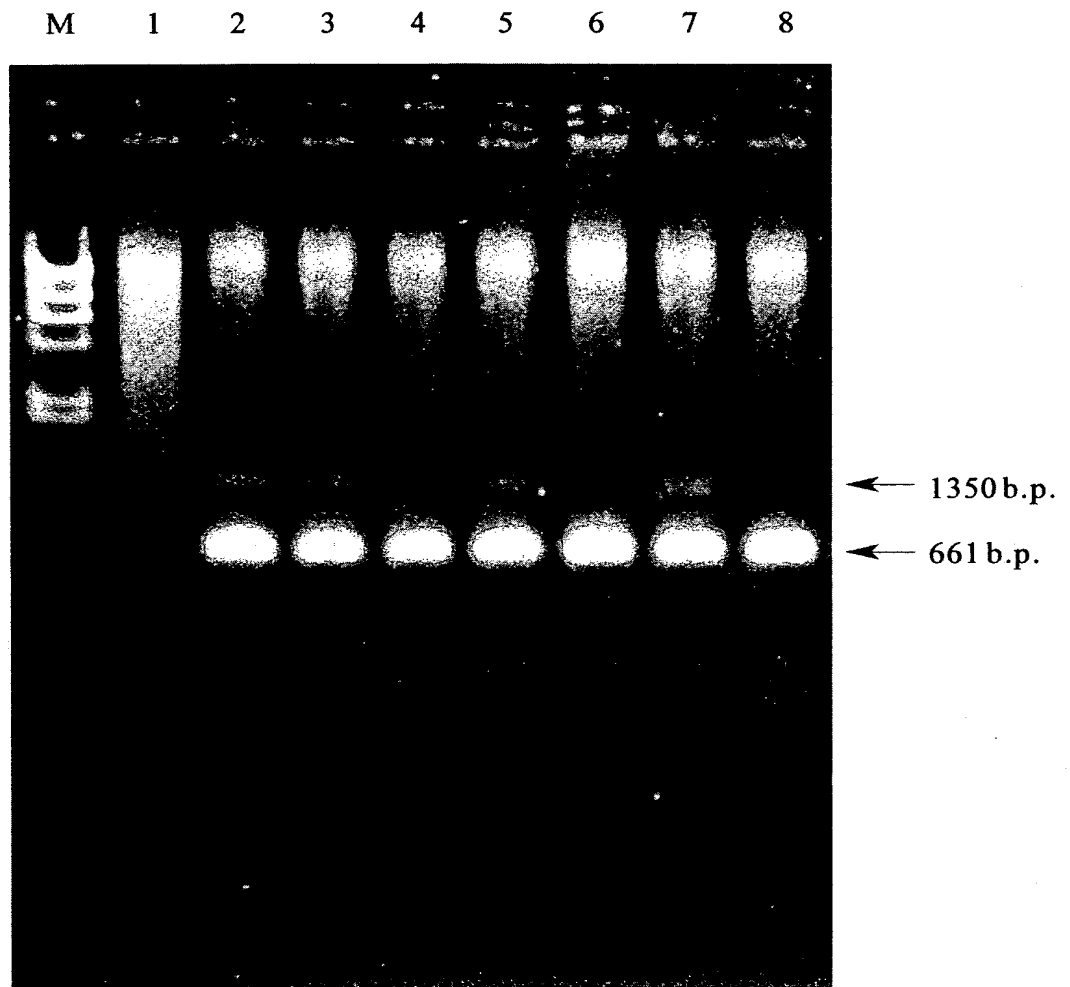


FIG.23

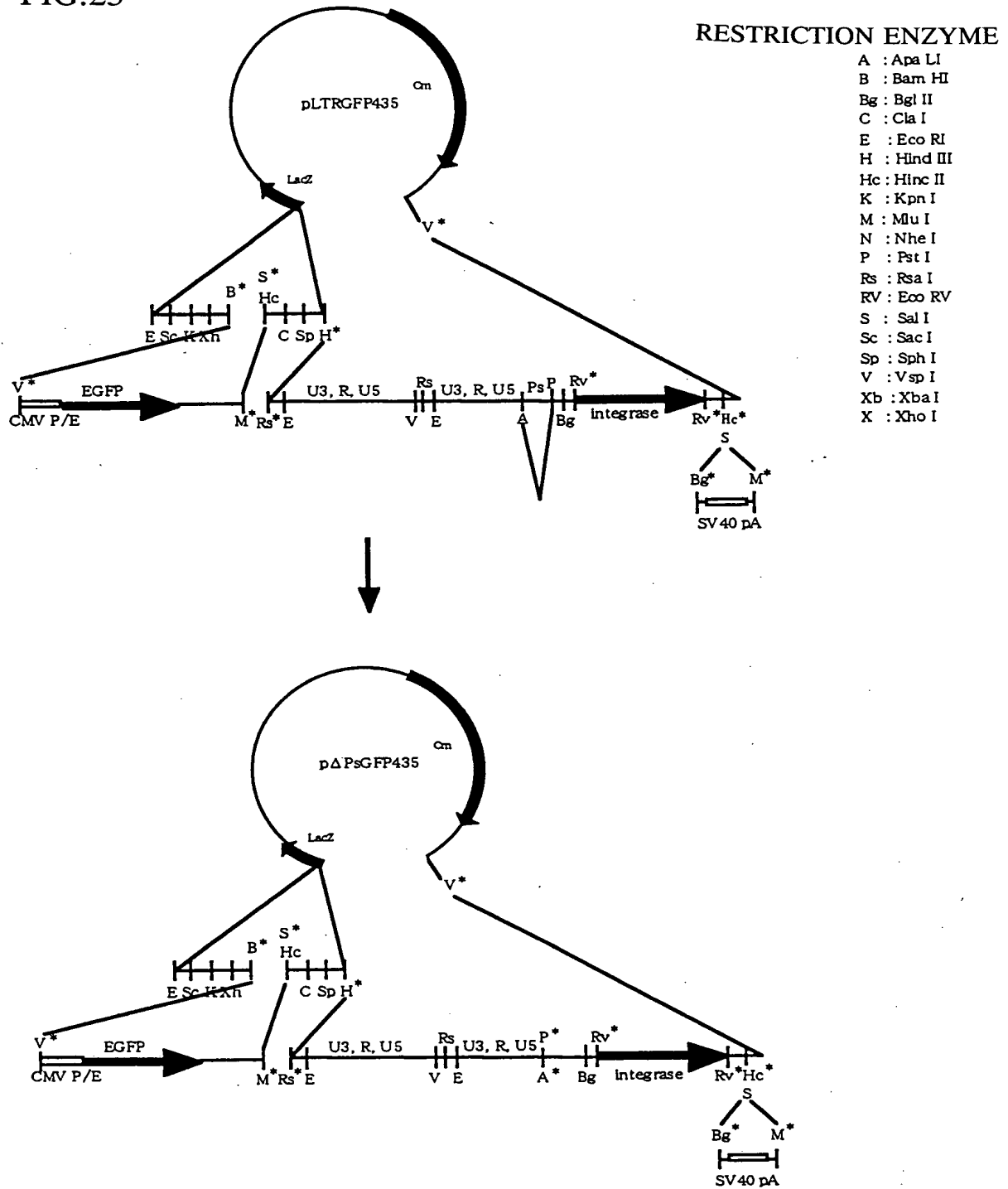


FIG.24

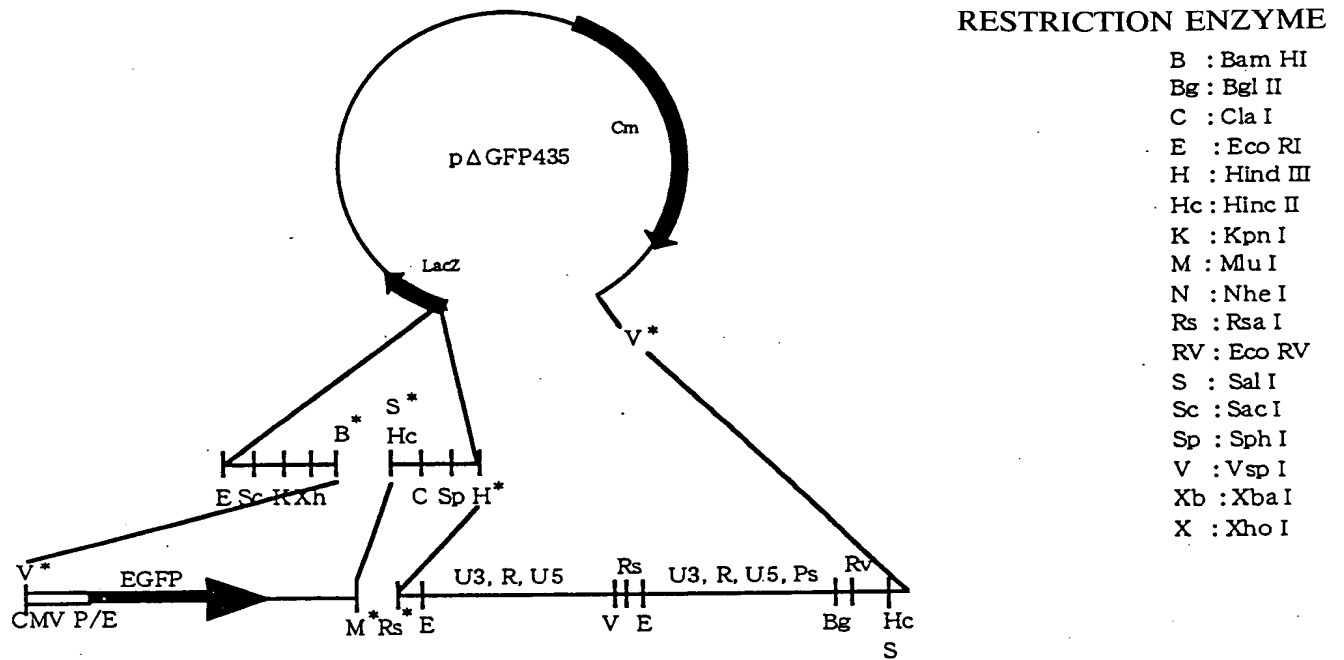


FIG. 25

